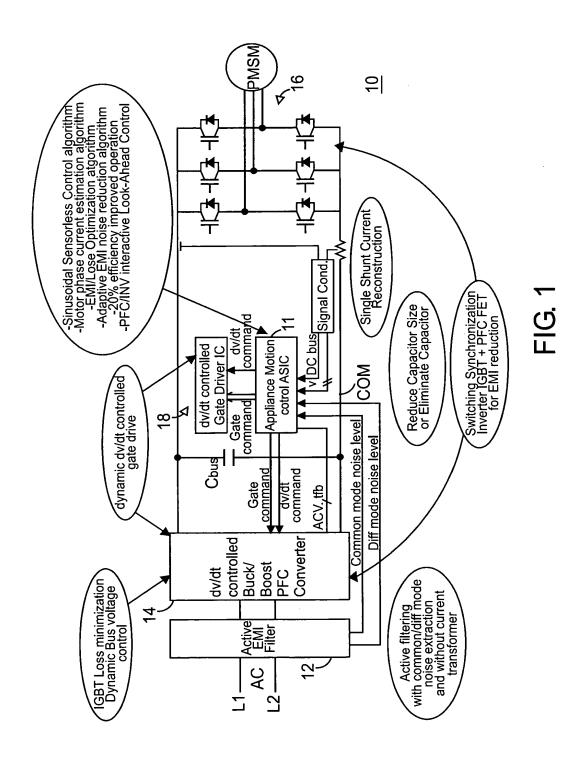
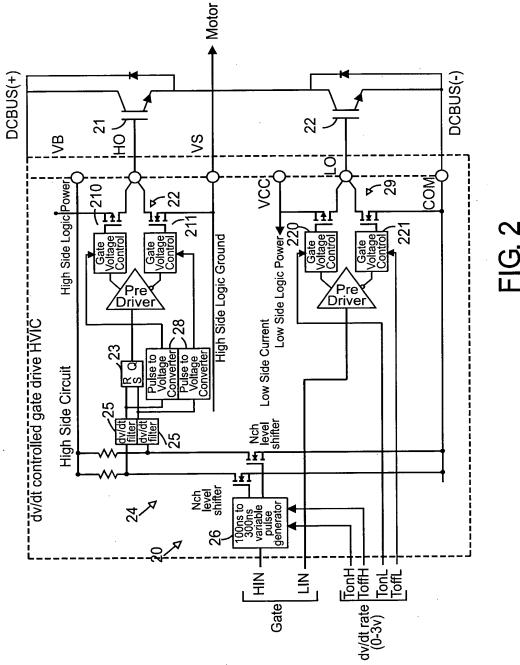
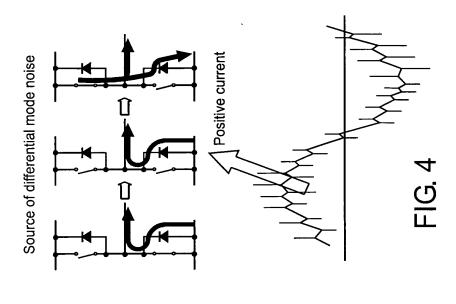
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A DEALERS







IGBT Loss

Adaptive Control

Loss/EMI optimization

EMI noise (dv/dt)

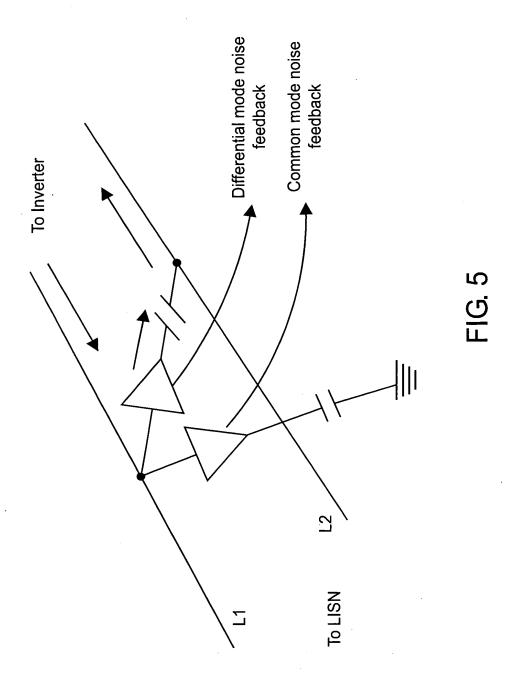
Trajectory

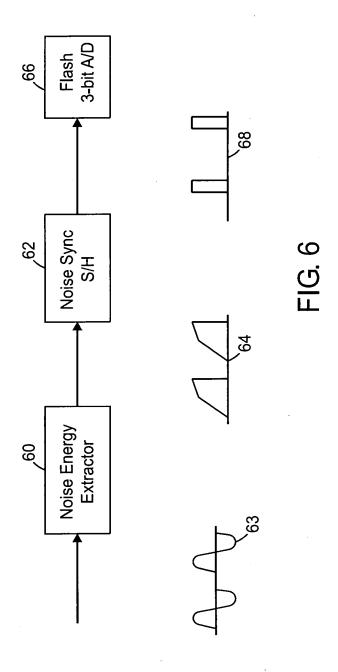
Lower DC bus

Slow dv/dt for Ton and Toff

For common mode noise reduction:

Control walks through the loss/RMI minimization Trajectory for differential mode noise reduction: Slow dv/dt for only Ton





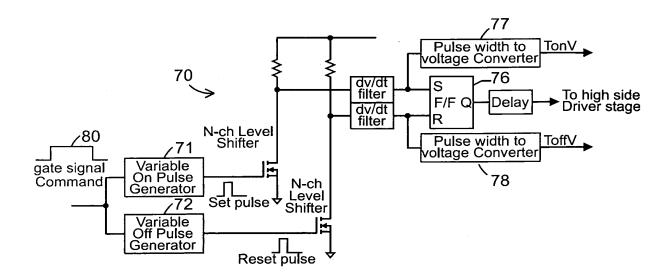


FIG. 7

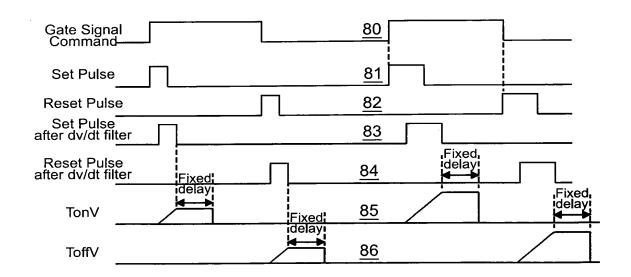
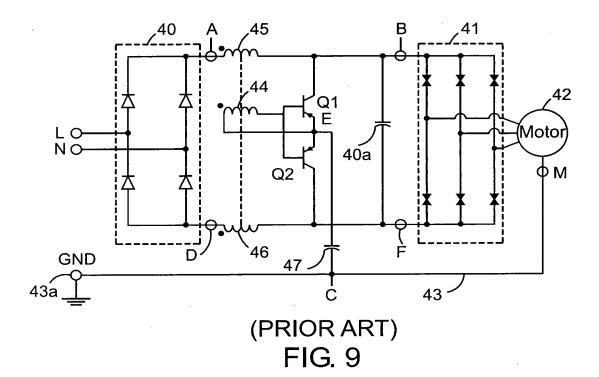
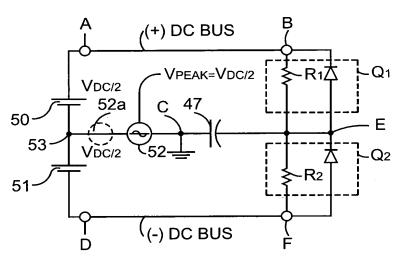


FIG. 8





(PRIOR ART) FIG. 10